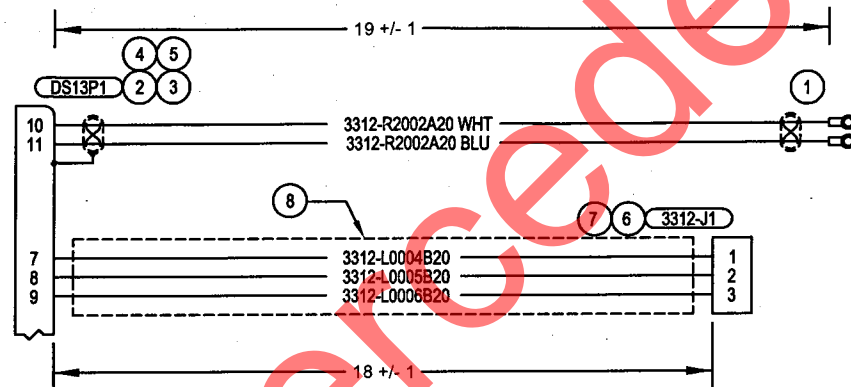


LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (5)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	1	5	M24308/26-1F	JACKSCREW KIT	
	1	6	1-480303-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	7	60617-1	CONTACTS	TYCO ELECTRONICS
	A/R (18)	8	XPF-1/4	EXPANDABLE SLEEVING	EDMO



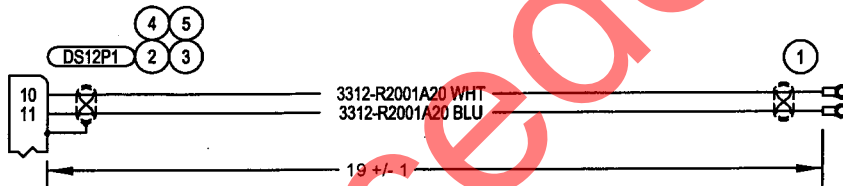
D4728-041 LH CABIN SPEAKER #1

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

A	NEW ISSUE	MM	12.09.26
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>De</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>De</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>GR</i>	D4728	SHEET 1 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (2)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	1	5	M24308/26-1F	JACKSCREW KIT	



D4728-042 RH CABIN SPEAKER #1

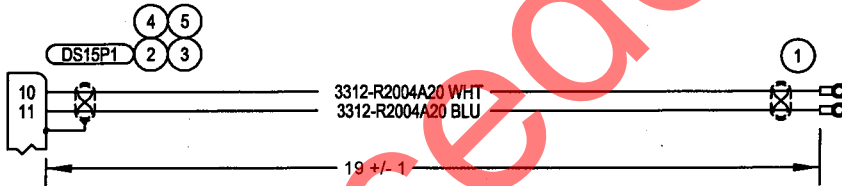
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED
2012-11-05

DESIGN	100m	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	100m		
CHECKED	KB	DRAWING NO.	REV. A
MFG. APPR.	GS	D4728	SHEET 2 OF 15
APPROVED	11/11	TITLE	SCALE
DE APPR.	11/11	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (2)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	1	5	M24308/26-1F	JACKSCREW KIT	



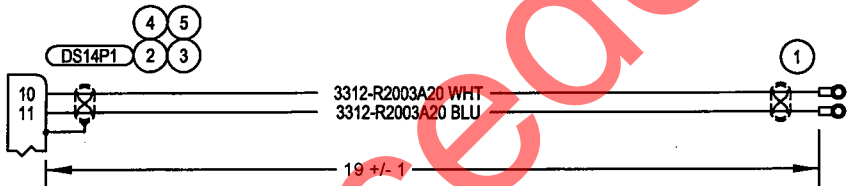
D4728-043 LH CABIN SPEAKER #2

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

DESIGN	<i>MDM</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>MDM</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>GR</i>	D4728	SHEET 3 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	UTILITY INTERIOR WIRING HARNESS	NTS
DATE	12.09.26	COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (2)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	1	5	M24308/26-1F	JACKSCREW KIT	



D4728-044 RH CABIN SPEAKER #2

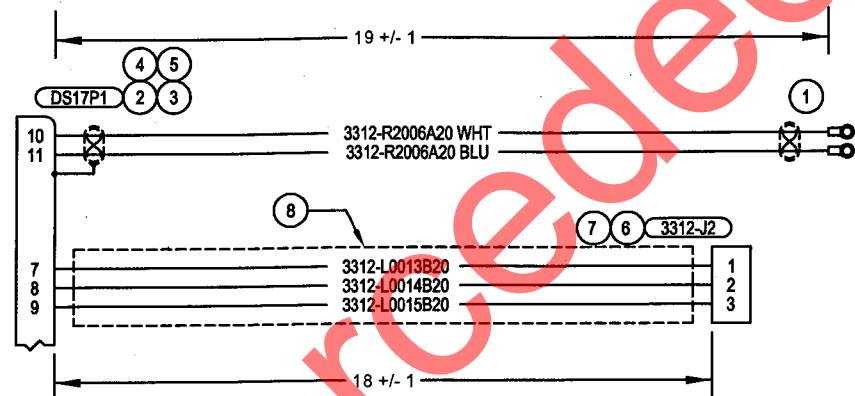
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHEIVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED
2012-11-05

DESIGN	De	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	De		
CHECKED	KB	DRAWING NO.	REV. A
MFG. APPR.	GL	D4728	SHEET 4 OF 15
APPROVED	##	TITLE	SCALE
DE APPR.	##	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (5)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	1	5	M24308/26-1F	JACKSCREW KIT	
	1	6	1-480303-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	7	60617-1	CONTACTS	TYCO ELECTRONICS
	A/R (18)	8	XPF-1/4	EXPANDABLE SLEEVING	EDMO



D4728-045 LH CABIN SPEAKER #3

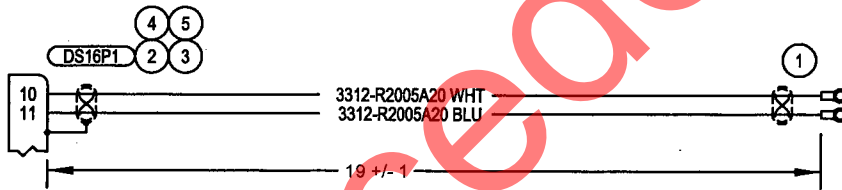
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGXT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED
2012-11-05

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
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CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4728	SHEET 5 OF 15
APPROVED		TITLE	SCALE
DE APPR.		UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
		2	1	640911-1	TERMINAL
		1	2	M24308/4-2Z	CONNECTOR
	A/R (2)		3	M39029/64-369	CONTACTS
		1	4	M85049/48-2-2F	BACKSHELL
		1	5	M24308/26-1F	JACKSCREW KIT



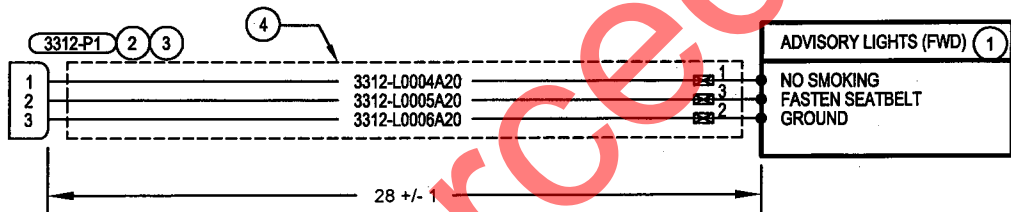
D4728-046 RH CABIN SPEAKER #3

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHEIVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

DESIGN	<i>MS</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>MS</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>GR</i>	D4728	SHEET 6 OF 15
APPROVED	<i>TH</i>	TITLE	SCALE
DE APPR.	<i>TH</i>	UTILITY INTERIOR WIRING HARNESS	NTS
DATE	12.09.26	COPYRIGHT © 2012 BY DART AEROSPACE LTD	
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	IS5083	ADVISORY LIGHTS	BIRK AEROSYSTEM
	1	2	1-480305-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	3	60618-1	CONTACTS	TYCO ELECTRONICS
	A/R (28)	4	XPF-1/4	EXPANDABLE SLEEVING	EDMO



D4728-047 ADVISORY LIGHT (FWD)

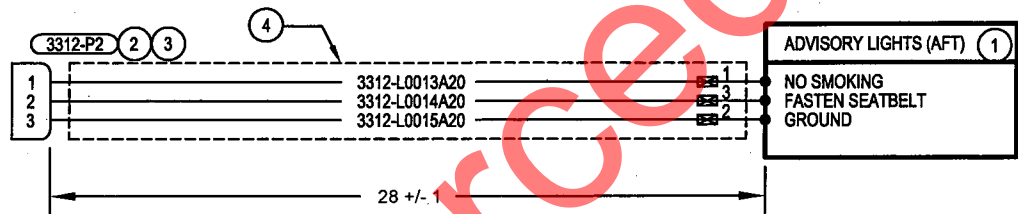
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASE
2012-11-05

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4728	SHEET 7 OF 15
APPROVED		TITLE	SCALE
DE APPR.		UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	IS5083	ADVISORY LIGHTS	BIRK AEROSYSTEM
	1	2	1-480305-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	3	60618-1	CONTACTS	TYCO ELECTRONICS
	A/R (28)	4	XPF-1/4	EXPANDABLE SLEEVING	EDMO



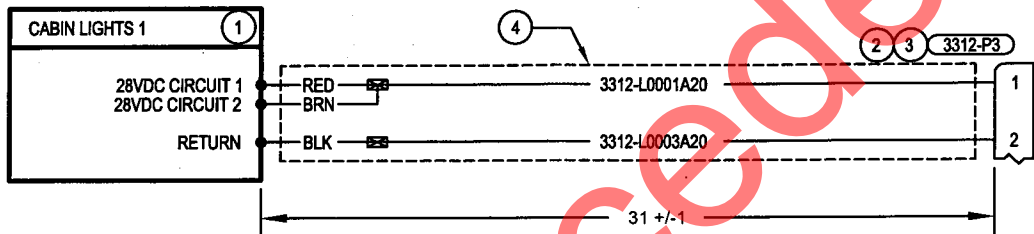
D4728-049 ADVISORY LIGHT (AFT)

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4728	SHEET 8 OF 15
APPROVED		TITLE	SCALE
DE APPR.		UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	BR9741-401-001	CABIN LIGHTS	BRUCE AEROSPACE
	1	2	1-480305-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	3	60618-1	CONTACTS	TYCO ELECTRONICS
	A/R (31)	4	XPF-1/4	EXPANDABLE SLEEVING	EDMO



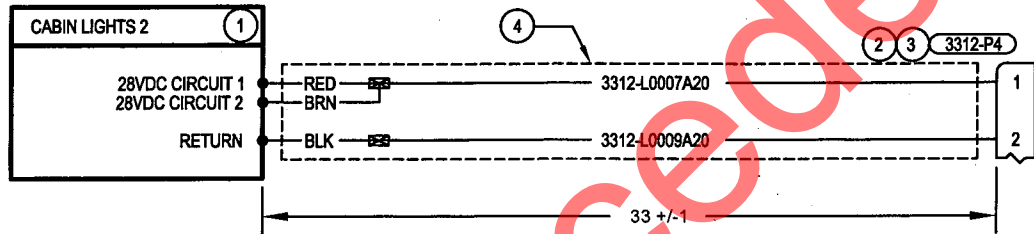
D4728-051 CABIN LIGHTS #1

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

DESIGN	<i>DB</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>DB</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>GL</i>	D4728	SHEET 9 OF 15
APPROVED	<i>HB</i>	TITLE	SCALE
DE APPR.	<i>HB</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	BR9741-401-001	CABIN LIGHTS	BRUCE AEROSPACE
	1	2	1-480305-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	3	60618-1	CONTACTS	TYCO ELECTRONICS
	A/R (33)	4	XPF-1/4	EXPANDABLE SLEEVING	EDMO



D4728-053 CABIN LIGHTS #2

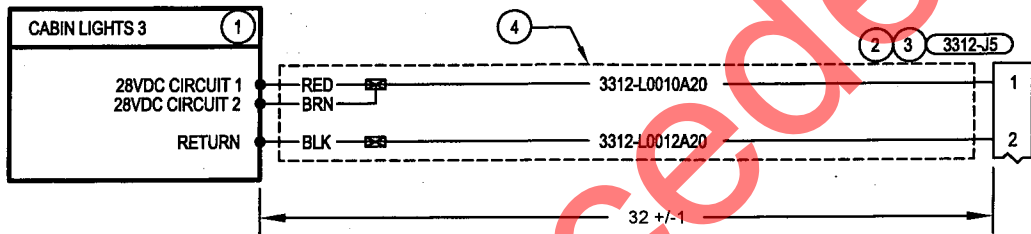
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTOR WITH SHRINK SLEEVE LABELS.

RELEASED
2012-11-05

DESIGN	<i>De</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>De</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>CL</i>	D4728	SHEET 10 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	BR9741-401-001	CABIN LIGHTS	BRUCE AEROSPACE
	1	2	1-480303-0	CONNECTOR	TYCO ELECTRONICS
	A/R (2)	3	60617-1	CONTACTS	TYCO ELECTRONICS
	A/R (32)	4	XPF-1/4	EXPANDABLE SLEEVING	EDMO



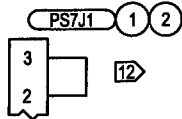
D4728-055 CABIN LIGHTS #3

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGXT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

DESIGN	<i>De</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>De</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>GL</i>	D4728	SHEET 11 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	350781-1	CONNECTOR	TYCO ELECTRONICS
	A/R (2)	2	350690-3	CONTACTS	TYCO ELECTRONICS



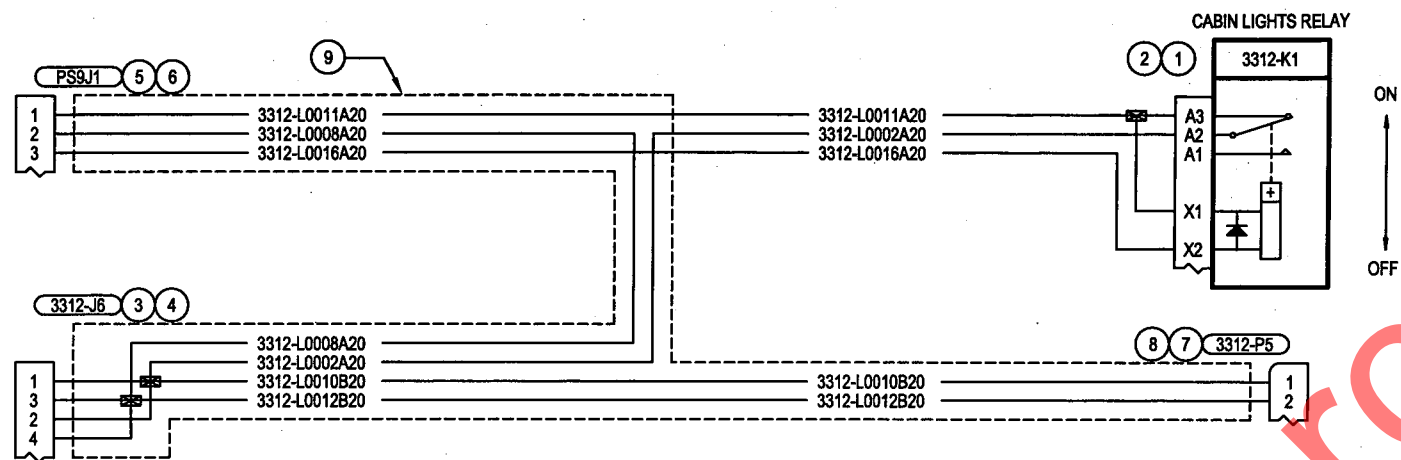
D4728-057 PS7J1 JUMPER

NOTES:

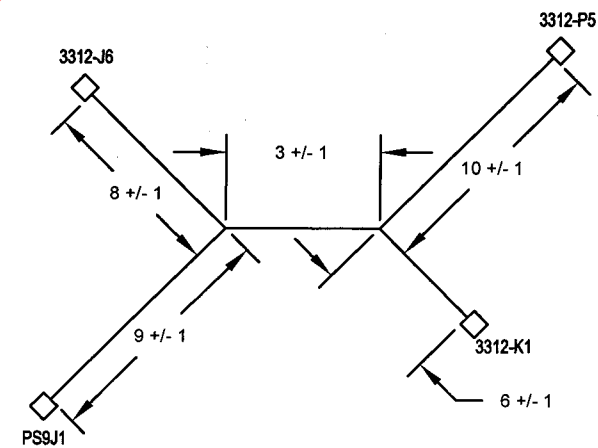
- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHEIVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- MAX 3 INCHES.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

DESIGN	<i>Dea</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>Dea</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>GR</i>	D4728	SHEET 12 OF 15
APPROVED	<i>HA</i>	TITLE	SCALE
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	M83536/2-024M	RELAY	
	1	2	M12883/45-01	RELAY BASE	
	1	3	1-480424-0	CONNECTOR	TYCO ELECTRONICS
	A/R (4)	4	60617-1	CONTACTS	TYCO ELECTRONICS
	1	5	350781-1	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	6	350690-3	CONTACTS	TYCO ELECTRONICS
	1	7	1-480305-0	CONNECTOR	TYCO ELECTRONICS
	A/R (2)	8	60618-1	CONTACTS	TYCO ELECTRONICS
	A/R (26)	9	XPF-1/4	EXPANDABLE SLEEVING	EDMO



D4728-061 CABIN LIGHTS CONTROL RELAY



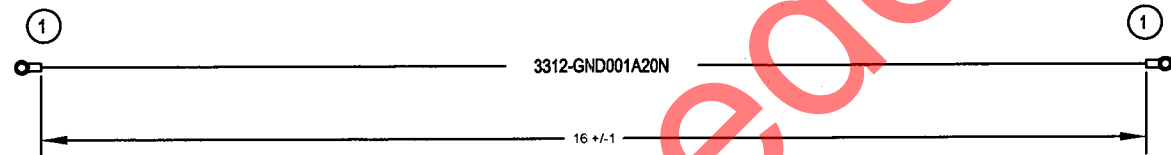
D4728-061 CABIN LIGHTS CONTROL RELAY
HARNESS VIEW

NOTES:

1. ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
2. ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
3. ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
4. IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
5. KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
6. ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
7. ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
8. ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
9. ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
10. ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
11. A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
12. UNITS: INCHES UNLESS OTHERWISE NOTED.
13. IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

DESIGN	<i>ms</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>ms</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>GR</i>	D4728	SHEET 14 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	MS25036-103	TERMINAL	TYCO ELECTRONICS



D4728-063 CABIN TEMP SENSOR JUMPER ASSY.

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
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DESIGN	<i>MB</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>MB</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>GL</i>	D4728	SHEET 15 OF 15
APPROVED	<i>SH</i>	TITLE	SCALE
DE APPR.	<i>SH</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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